

PROJECT TITLE : Tobacco Analysis  
PERIOD COVERED : February 29th - March 24th, 1980  
WRITTEN BY : L. Joseph

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#### TOBACCO LOT ANALYSES

##### 1. Special trials

###### 1.1 Low nitrate samples (1)

The results of the cultivation trials made on Burley on Italy are available. These trials consisted in different levels of nitrogen fertilization. The  $\text{NO}_3$ -N levels of different grades of these tobaccos are abnormally low, as were those of the last year (only 1 sample had a  $\text{NO}_3$ -N level greater than 0.2%).

###### 1.2 Pakistani tobaccos (2)

The analyses are under way.

###### 1.3 Partially contaminated lot (No. 9084) (3)

No significative difference was found in the smoke analyses between the control and the contaminated samples (just a little lower CO and aldehydes delivery).

##### 2. Routine tobacco lot analyses

###### 2.1 Introduction of inputs on EDP

Twenty four lots were introduced this month.

###### 2.2 Lots under evaluation

Twenty eight lots.

###### 2.3 Lots available, but not yet analysed

Twenty lots.

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ASSISTANCE TO OTHER PROJECTS

1. Spotless (4)

Cigarettes have been made with five samples of untreated tobaccos (ØS-B-FC; ØS-B-BU; ØS-B-OR; ØS-A-MD; ØS-A-CH). The analyses are under way.

2. RCB Monique

Trials Nino No. 4 and No. 5 (5)

Due to the bad combustibility of the cigarettes, the smoke analyses could not be done. We have found surprising analytical results of the sheet of trial Nino RCB No. 4.

- high SiO<sub>2</sub> level (3.3%)
- presence of propylene glycol (0.25%)
- high NO<sub>3</sub>-N level (0.18%)

This trial will be repeated.

L. Joseph

*L. Joseph*

References:

- 1) Tobacco analysis monthly report of April 1979.
- 2) Letter from Mr. C. Jeanneret to L. Joseph, dated February 1, 1980.
- 3) Letter from Mr. E. Lecoultrre to L. Joseph, dated December 17, 1979.
- 4) Spotless monthly report, January 1980.
- 5) Letter from L. Joseph to Mr. A. Robbiani, dated March 4, 1980.

March 26, 1980  
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